

Atty.
Dkt. No.

M#

Client Ref.

265365

Z-3010 CON3

10/075441

02/15/02

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: TIRAMANI et al.

Appln. No.: Unassigned 10/075,441

Filing Date: February 15, 2002 3637

Date: February 15, 2002

Page

1

of

5

Examiner: Unassigned

Group Unit: Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY 1990's	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
ph	AR	2,883,731	04/28/59	WELLS	280	47.26	7
	BR	2,893,749	07/07/59	SIMONSEN	280	47.19	
	CR	2,905,480	09/22/59	GIOVANNELLI	280	34	
	DR	2,964,328	12/13/60	MUIR	280	47.19	
	ER	3,087,740	04/30/63	MITTY et al.	280	47.26	
	FR	3,118,685	01/21/64	JORDAN	280	47.19	
	GR	3,170,710	02/23/65	RACHMAN	280	79.2	
	HR	3,436,093	04/01/69	RUFFLEY, JR	280	47.27	
	IR	3,520,583	07/14/70	CASE	312	277	
	JR	3,715,148	02/06/73	BEALS	312	209	
	KR	3,771,848	11/13/73	CLAYWELL	280	47.19	
	LR	3,874,531	04/01/75	MAYO	280	47.19	
	MR	3,876,223	04/08/75	O'REILLEY et al.	280	47.19	
ph	NR	3,908,831	09/30/75	BRENDGORD	211	88	

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY 1990's	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
ph	OR	G 88 13 391.5	03/30/89	GERMANY	MESSMER		X		X
	PR	1006914	02/01/99	NETHERLANDS	BOOTSMAN		X		X
	QR	GB 2214899A	09/13/89	UNITED KINGDOM	GREGAN				
	RR	WO 91/05720	05/02/91	REF WO	VAN ROY				
	SR	WO 94/15824	07/21/94	REF WO	HILL				
ph	TR	WO 98/52811	11/26/98	REF WO	BOOTSMANN				
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR			
ZR			
AAR			
BBR			

Examiner

Date Considered: 7/2/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

265365

Dkt Z-3010 CON2

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: TIRAMANI et al.

Appln. No.: Unassigned 101 075,441

Filing Date: February 15, 2002 3637

Examiner: Unassigned Group Unit: Unassigned

Date: February 15, 2002

Page

2

of

5

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Ch	AR	3,990,653	11/09/76	MARCELL	242	128.8	
	BR	4,046,391	09/06/77	RESTAD et al.	280	5.24	
	CR	4,281,843	08/04/81	JOHNSON et al.	280	47.26	
	DR	4,691,397	09/08/87	NETZER	5	507	
	ER	4,759,560	07/26/88	VIRGULTI	280	47.26	
	FR	4,936,594	06/26/90	OLIVER, III	280	47.19	
	GR	4,976,450	12/11/90	ELLEFSON	280	79.11	
	HR	4,989,291	02/05/91	PARENT	15	315	
	IR	5,013,055	05/07/91	LABRUM	280	47.19	
	JR	5,016,948	05/21/91	WELCH et al.	242	258	
	KR	5,069,466	12/03/91	PROBST	280	79.3	
	LR	5,113,546	05/19/92	PARENT	15	315	
	MR	5,207,723	05/04/93	NEWBY, SR.	312	249.11	
Ch	NR	5,213,351	05/25/93	CHEN	280	47.19	

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
	ZR								
	AAR								
	BBR								

Examiner

James D. Hamm

Date Considered:

7/2/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

265365

Dkt Z-3010 CON2

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: TIRAMANI et al.

Appl. No.: Unassigned 10 075,441

Filing Date: February 15, 2002 3637

Examiner: Unassigned Group Unit: Unassigned

Date: February 15, 2002

Page

3

of

5

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Ch	AR	5,240,264	08/31/93	WILLIAMS	280	40	
	BR	5,244,265	09/14/93	CHIANG	312	107	
	CR	5,275,349	01/04/94	TUSSING	282	86.50	
	DR	5,281,020	01/25/94	ROMICK	312	308	
	ER	5,294,196	03/15/94	CHEN	312	263	
	FR	5,378,005	01/03/95	NORTON	280	47.26	
	GR	5,423,651	06/13/95	DINVERNO	457	312 500 249.8x	
	HR	5,425,545	06/20/95	McCUSKER	280	30	
	IR	5,437,502	08/01/95	WARNICK et al.	312	244	
	JR	5,452,908	09/26/95	BENCIC	280	47.35	
	KR	5,482,162	01/09/96	DICKINSON	206	373	
	LR	5,484,160	01/16/96	EK	280	659	
	MR	5,518,258	05/21/96	COX	280	30	
Ch	NR	5,518,310	05/21/96	ELLMAN et al.	312	249.12	

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
	ZR								
	AAR								
	BBR								

Examiner

James D. Hann

Date Considered:

7/2/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

265365

Dkt Z-3010 CON2

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: TIRAMANI et al.

Appln. No.: ~~Unassigned~~ 36 10 075,441

Filing Date: February 15, 2002 3637

Date: February 15, 2002

Page

4

of

5

Examiner: Unassigned Group Unit: Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>Jph</i>	AR	5,533,799	07/09/96	NICKOLAUS, JR.	312	249.12	
	BR	5,577,745	11/26/96	BIRK	280	47.19	
	CR	5,588,659	12/31/96	BOES et al.	280	47.19	
	DR	5,634,649	06/03/97	BREINING et al.	280	47.35	
	ER	5,664,853	09/09/97	NICKOLAUS, JR.	312	249.12	
	FR	5,738,423	04/14/98	ALFARO	312	290	
	GR	5,799,958	09/01/98	BISHOP	280	47.26	
<i>Jph</i>	HR	DES 371,663	07/09/96	MULLER-DEISIG et al.	D34	25	
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
	ZR								
	AAR								
	BBR								

Examiner

James D. Hamner

Date Considered:

7/2/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

265365

Dkt Z-3010 CON3

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: TIRAMANI et al.

Appln. No.: ~~TO BE ASSIGNED~~ 10 075,441

Filing Date: February 15, 2002 3637

Date: February 15, 2002

Page

5

of

5

Examiner: Unassigned

Group Unit: Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
Jph	AR	4,118,048	10/1978	Spranger et al.	280	47.35	7
	BR	5,482,605	01/1996	DICKINSON Taylor	—	—	
	CR	5,641,170	06/1997	HELM	—	—	
	DR	5,642,898	07/1997	WISE	—	—	
	ER	5,685,421	11/1997	GILMORE	—	—	
	FR	5,704,496	01/1998	LATTA	211	70.6	
	GR	5,893,572	04/1999	PARKS	280	47.18	
	HR	5,906,381	05/1999	HOVATTER	280	47.18	
	IR	6,050,660	04/2000	GURLEY	312	249.1	
	JR	6,086,073	07/2000	TISBO et al.	280	47.26	
Jph	KR	6,170,559	01/2001	KIZEWSKI Bange	—	—	
	LR						
	MR						
	NR						
	OR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
Jph	PR	EP0640447	03/1995	Europe	BREINING et al.	7			X
	QR	GB2247655	03/1992	United Kingdom	STUART				
	RR	EP0319969	06/1989	Europe	ZERVER	8			X
	SR	DE4017742	03/1991	Germany	WILMES	8			X
	TR	GB2199544	07/1988	United Kingdom	JINN-LIH				
	UR	DE3510307	09/1986	Germany	SPIELHOFF	8			X
Jph	VR	DE3146452	06/1983	Germany	MESENHOELLER	8			X
	WR								
	XR								
	YR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

ZR									
AAR									
BBR									
CCR									

Examiner

James D. Hanner

Date Considered:

7/2/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.